

Genes Found that Characterize Embryonic Stem Cells

Posted: August 21, 2007

Created: 21/08/2007 - 11:12

Researchers at UC, San Francisco identified a group of genes that are active in embryonic stem cells but not in more differentiated cells. They also developed a technique to find DNA regions that could be important for activating these genes, and identified a factor that directs the production of proteins from genes that contain these regulatory DNA regions. These studies will greatly inform research efforts that rely on maintaining a stem cell's ability to proliferate and to generate the many different cell types in a human body.

PLoS Genetics. August 2007

CIRM funding: Marcia Grskovic (T1-00002)

Related Information: UCSF Institute for Regeneration Medicine

Tags: Training, Grskovic, Understanding Stem Cell Biology, University of California San Francisco

Source URL: <https://www.cirm.ca.gov/blog/08212007/genes-found-characterize-embryonic-stem-cells>